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on December 5, 2005.

Glenn P. Ladwig
Glenn P. Ladwig, Patent Attorney

Patent Application
Docket No. C&R-107
Serial No. 10/539,847

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Richard Joseph Fagan, Christopher Benjamin Phelps, Christine Power,
Richard James Mitter, Ursula Boschert, Yolande Chvatchko
Serial No. : 10/539,847
Filed : June 20, 2005
Confirm. No. : 5016
For : Metalloprotease Proteins

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

The above-identified patent application was filed with an unsigned Declaration (37 C.F.R. §1.63) and Power of Attorney form. Transmitted herewith is a fully executed Declaration (37 C.F.R. §1.63) and Power of Attorney form for the subject application.

A Notification of Missing Requirements under 35 U.S.C. §371 in the United States Designated/Elected Office (DO/EO/US) was received from the Patent and Trademark Office which indicates that the subject application does not comply with the sequence requirements of 37 C.F.R. §§1.821-1.825. Attached with this Transmittal Letter is a Submission of Sequence Listing under 37 C.F.R. §§1.821-1.825 providing the sequence listing in computer readable format and on paper.

A copy of the Notification of Missing Requirements under 35 U.S.C. §371 in the United States Designated/Elected Office (DO/EO/US) received from the Patent and Trademark Office is attached hereto.

Please charge the application size fee of \$250.00 and the surcharge of \$130.00 to Deposit Account No. 19-0065. The Commissioner is hereby authorized to charge any additional fees which may be required to Deposit Account No. 19-0065. Two copies of this transmittal letter are enclosed.

Respectfully submitted,



Glenn P. Ladwig

Patent Attorney

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12/15/2005 LLANDGRA 00000021 190065 10539847

01 FC:1617 130.00 DA
02 FC:1681 250.00 DA

GPL/mv

Attachments: Executed Declaration and Power of Attorney
Submission of Sequence Listing and Statement under 37 C.F.R. §§1.821-1.825
Sequence Listing on paper and Computer Readable Format (disk)
Amendment under 37 C.F.R. §1.825(a) through (c)
Copy of Notification of Missing Requirements
Two copies of this Transmittal Letter



UNITED STATES PATENT AND TRADEMARK OFFICE

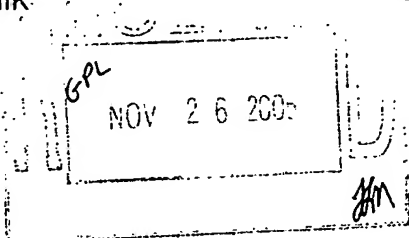
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 P.O. Box 1450
 Alexandria, Virginia 22313-1450
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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/539,847	Richard Joseph Fagan	C&R-107

INTERNATIONAL APPLICATION NO.
PCT/GB03/05664

23557
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I.A. FILING DATE	PRIORITY DATE
12/23/2003	12/23/2002



CONFIRMATION NO. 5016

371 FORMALITIES LETTER



OC000000017468289

Date Mailed: 11/17/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/20/2005
- Preliminary Amendments filed on 06/20/2005
- Oath or Declaration filed on 06/20/2005
- Request for Immediate Examination filed on 06/20/2005
- U.S. Basic National Fees filed on 06/20/2005
- Priority Documents filed on 06/20/2005
- Specification filed on 06/20/2005
- Claims filed on 06/20/2005
- Abstracts filed on 06/20/2005
- Drawings filed on 06/20/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130 Surcharge.**
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/539,847	PCT/GB03/05664	C&R-107

FORM PCT/DO/EO/905 (371 Formalities Notice)